

April 6, 2009

Mr. Ray Schnell Carpenter Technology Corporation 181 West Bern Street Reading, PA 19612

Re:

PEO# 2008-177

Enduramet 32 (UNS 24100) Stainless Steel Rebar

Supplier Code: (CARTC)

Dear Mr. Schnell:

Evaluation has been completed on your Enduramet 32 (UNS 24100) Stainless Steel Reinforcing Bar, manufactured at your production facility in Reading, PA.

Based on the information and independent test data you supplied and our own internal testing completed at the MTD laboratory, your **Enduramet 32 (UNS 24100) Stainless** is **provisionally approved** for listing in Bulletin #15 "Approved Construction Materials", under Section 709.1 (f) Stainless Reinforcing Bar. Your provisional approval requires you to notify Engineering Technology Information Division at (717) 783-9673 whenever Enduamet 32 is intended to be used on a Department project. Failure to do so will result in the removal of this product from Bulletin 15. This letter may be used as proof of provisional approval until Carpenter Technology Corporation appears in Bulletin #15.

This approval expires on March 30, 2011, unless Carpenter Technology Corporation submits test results indicating Enduramet 32 (UNS 24100) meets the requirements for the long-term corrosion test using the cracked beam method described in Annex A of ASTM A955. The long-term corrosion test must be completed and submitted to the Bureau of Construction and Materials by **March 30, 2011**.

Please note that the samples received and tested by the Department met the requirements for Grade 75. While our specifications and designs indicate Grade 60 material, we will not allow for any design changes in reinforcement (reduction in number of bars) based on material meeting a higher yield strength than 60 ksi.

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It is mandatory that a "Certification of Compliance", Form CS-4171, be accurately completed and distributed as directed for all approved products shipped to Department projects. Form CS-4171 is attached and it may be duplicated as needed, or accessed on the PennDOT web site: http://www.dot.state.pa.us/. Click on Forms, Publications, & Maps then select PennDOT Sales Store and then go to the index of Publication 35, Bulletin 15 "Approved Construction Materials".

All products provisionally approved by the Pennsylvania Department of Transportation are subject to periodic inspection by our Quality Assurance Division.

Any changes to the company name, plant location, material suppliers, manufacturing process, etc., that may occur relative to this product, must be reported to this office within ten (10) days. If you have any questions, please contact Edward Reasner at (717) 783-2559, and refer to PEQ# 2008-177.

Sincerely,

M. Alaa Azab, P.E., Chief Engineering Technology and Information Division Bureau of Construction and Materials

Attachment

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423:04020901:MAA:NRB:ej

cc: T. L. Ferguson, P.E.

B. G. Thompson, P.E.

M. A. Azab, P.E.

J. S. Robinson, P.E.

W. J. Miller, P.E.

R. D. Horwhat, P.E.

T. L. Ramirez, P.E.

T. P. Macioce, P.E.

DME's / DMM's

N. R. Bitner

M. E. McGonagle

E. H. Reasner

D. H. Kuniega

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION



CERTIFICATE OF COMPLIANCE INSTRUCTIONS

Line#

- 1. <u>COUNTY, LR/SR, SEC/SEG.</u>
 To be completed by the party that will ship the material to the construction project, otherwise leave blank.
- 2. NAME OF MANUFACTURER, FABRICATOR, COATER, PRECASTER OR PRODUCER
 Circle one; either Manufactured, Fabricated, Coated, Precasted or Produced as appropriate.
 Also, provide the name of the Manufacturer, Fabricator, Coater or Precaster of the material listed in Bulletin #15 or the name of the Producer of material listed in Bulletin #14, 41 or 42.
 To be completed by the party that is shipping approved material to the next destination.
- MEETS SPECIFICATION REQUIREMENTS
 To be completed by the party that is shipping approved material to the next destination.
- 4. SHIPPED TO
 List the name of company that the material is being shipped to.
- 5. <u>LOT NUMBER</u>, <u>QUANTITY</u>, <u>DESCRIPTION OF MATERIAL</u>
 To be completed by the party that is shipping approved material to the next destination.
- CHECK THIS BLOCK IF YOUR PRODUCT CONTAINS IRON OR STEEL
 To be completed by the party that is shipping approved material to the next destination.
- 7. VENDOR CLASSIFICATION CHECK ONE BLOCK ONLY
 If you are a Manufacturer, Fabricator, Coater or Precaster listed in Bulletin #15, or a
 Producer listed in Bulletin # 14, 41 or 42, check block # 1.

If you are a *Distributor, *Supplier or *Private Label Company of Bulletin #15 items, check block #2.

- * (These categories are not eligible for listing in Bulletin #15, however, you may provide material for PennDOT projects on condition that the material being shipped is listed in Bulletin #15.)
- 8. <u>CERTIFICATION REQUIREMENTS, Name, Title, Date, Company Name, and Signature</u>
 Enter the required information and sign the Certificate of Compliance form.
- 9. COMPLETE LINE # 9 ONLY IF YOU CHECKED BLOCK # 2 ON LINE # 7, OTHERWISE LEAVE BLANK
 List the company that sold the material to you. (Company Name)

IN ADDITION

2. & 5. Private Label Companies who complete the Certificate of Compliance form CS-4171 must identify the true manufacturer (Line 2) and the approved material (Line 5) as it is listed in Bulletin # 15 under that manufacturers listing.

After completing the Certificate of Compliance form CS-4171, maintain the original at your company's location. A copy of the Certificate of Compliance form must accompany your material **shipment to** its next destination. Also, if you **receive material shipments** from other companies related to PennDOT projects, the accompanying Certificate of Compliance forms must be kept on file at your location. These files must be available for inspection and verification by a Department Representative for a period of not less than **THREE** years from the date of the last shipment.

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION CERTIFICATE OF COMPLIANCE



1.	♦ COUNTY:		SR:	♦ SEC/ SEG :	ECMS#:	
	♦ (To be compl	eted by the party tha	t will ship the m	aterial to the project	, otherwise leave blank.)	
2.	I / WE hereby certify that the material listed on line 5 was:					
	☐ Manufactured	☐ Fabricated	☐ Coated	☐ Precasted	☐ Produced	
	By	urer, Fabricator, Coate	r Proceeder or Pro	ducar)	(Supplier Code)	
•	·					
ა.		and the party listed above certifies that the material(s) on line 5 meets the requirements of Publication 408, Section(s),				
4.	The material listed below	w is being shipped	to	(Con	npany Name)	
 3. 4. 5. 8. 	LOT NO.	QUANTITY			AS LISTED IN BULLETIN # 14 or 1	
7.		BULLETIN # 41 or 42 PRODUCERS, LIST HMA / PCC JMF.				
,	and all manufacturing occurred in the United S	processes includes tates and we are le coating material	ing coatings ap maintaining co s themselves a	oplication (e.g ep py(s), in our files i are not covered by	on materials contained in our product loxy, galvanizing, or painting) have in accordance with Section Buy America, the application of thes	
7.	VENDOR CLASSIFICATION - CHECK ONE BLOCK ONLY					
	# 1 Manufacturer, Fab Listed in Bulletin : Bulletin # 14, 41 or I certify that the above stat to the best of my knowledg describe the product(s) list	oricator, Coater, Preca # 15, or Producer List r 42 tements are true and ge, fairly and accurat	ester ed in	#2 Distributo Not Listed Also, com I certify that the masame as provided	r, Supplier or Private Label Company I in Bulletin # 15. plete line 9 terial being supplied is one and the to us by the manufacturer listed on quantities listed above are accurate.	
8.	NAME (print):			TITLE:		
	01011471107	•			CATE.	
9.	List company that sold to (Complete if you checked Blo	you the material(s) ck#2 on line#7, othe	documented a	above:	(Company Name)	
	After completing the Certificate of Compliance form CS-4171, maintain the original at your company's location. A copy of the Certificate of Compliance form must accompany your material shipment to its next destination. Also, if you receive material shipments from other companies related to PennDOT projects, the accompanyin Certificate of Compliance forms must be kept on file at your location. These files must be available for inspection and verification by a Department Representative for a period of not less than THREE years from the date of the last shipment.					

* Private Label Companies must identify the true manufacturer (Line 2) and the approved material (Line 5) as listed in Bulletin # 15.